SEQUENCE LISTING

<110>    Deutsches Krebsforschungszentrum

<120>    Peptides for inducing apoptosis in tumor cells

<130>    DK62021PC

<160>    132

<170>    PatentIn version 3.1

<210>    1
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<400>    1

Trp Leu Gly Thr Phe Ser Gly Thr Cys Ser Thr Ala Phe Tyr Phe Pro
1               5                   10                  15

Leu Gly Val Pro
            20

<210>    2
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<220>
<223>    randomized peptide that bind to particular IAPs
<400>    2

Cys Arg Trp Leu Arg Thr Lys Arg Thr Leu Pro Leu Phe Ser Val Met
1               5                   10                  15

DK62021PC.ST25

Pro Phe Trp Cys
            20


<210>  3

<211>  31

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<220>

<223>  randomized peptide that bind to particular IAPs

<400>  3

Met Tyr Ser Asn Val Ser Val Asp Val Ala Ala Asp Gly Val Ser Cys
1               5                   10                  15

Val Cys Cys Ser Trp Ser Val Gln Asn Asp Arg Pro Asp Ser Gly
            20                  25                  30


<210>  4

<211>  20

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<213>  Artificial Sequence


<220>

<223>  randomized peptide that bind to particular IAPs

<400>  4

Tyr Lys Trp Arg Met Gly Val Tyr Leu Ser Gly Val Arg Leu Met Arg
1               5                   10                  15

Ala Phe Ile Ile
            20


<210>  5

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<220>

<223>  randomized peptide that bind to particular IAPs

<400>  5

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Val Ser Tyr Arg Thr Cys Thr Ala Gly Gly Gln Met Ser Arg Trp Arg
1               5               10              15

Leu Phe Ile Ile
              20


<210>   6

<211>   20

<212>   PRT

<213>   Artificial Sequence


<220>

<223>   randomized peptide that bind to particular IAPs

<400>   6

Gly Tyr Ser Leu Thr Ser Met Ser Ala Phe Ala Val Arg Pro Cys Val
1               5               10              15

Cys Gly Ser Leu
              20


<210>   7

<211>   20

<212>   PRT

<213>   Artificial Sequence


<220>

<223>   randomized peptide that bind to particular IAPs

<400>   7

Trp Leu Gly Thr Phe Ser Gly Thr Cys Ser Thr Ala Phe Tyr Phe Pro
1               5               10              15

Leu Gly Val Pro
              20


<210>   8

<211>   20

<212>   PRT

<213>   Artificial Sequence


<220>

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<223> randomized peptide that bind to particular IAPs

<400> 8

Thr Asn Phe Arg Pro Ser Pro Thr Phe His Ala Ile Leu Leu Trp Pro
1               5                   10                  15

Asn Thr Phe Ser
            20


<210> 9

<211> 20

<212> PRT

<213> Artificial Sequence


<220>

<223> randomized peptide that bind to particular IAPs

<400> 9

Val Gly Leu Gly Gly Trp Cys Phe Asp Cys Tyr Trp Val Ala Trp Asp
1               5                   10                  15

Phe Gln Thr Gln
            20


<210> 10

<211> 20

<212> PRT

<213> Artificial Sequence


<220>

<223> randomized peptide that bind to particular IAPs

<400> 10

Phe Trp Asp Tyr Cys Gly Pro Leu Ile Cys Leu His Cys Asn Leu Gly
1               5                   10                  15

Arg Cys Val Ser
            20


<210> 11

<211> 5

<212> PRT

<213> Artificial Sequence

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<220>

<223> randomized peptide that bind to particular IAPs

<400> 11

Met Met Asp Ser Ala
1               5


<210> 12

<211> 20

<212> PRT

<213> Artificial Sequence


<220>

<223> randomized peptide that bind to particular IAPs

<400> 12

Ala Ser Leu Arg Leu Tyr Pro Ile Gly Gly Thr Val Pro Phe Gly Arg
1               5                   10                  15

Thr Gly Ala Gly
            20


<210> 13

<211> 20

<212> PRT

<213> Artificial Sequence


<220>

<223> randomized peptide that bind to particular IAPs

<400> 13

Gly Asp Tyr Gly Cys Cys Trp Val Val Thr Thr Gly Val Gly Val Arg
1               5                   10                  15

Cys Tyr Val Trp
            20


<210> 14

<211> 20

<212> PRT

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<220>

<223>  randomized peptide that bind to particular IAPs

<400>  14

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Ala Cys Trp Ala Leu Trp Ser Leu Phe Arg Gln Asp Leu Leu Leu Val
1               5               10              15

Ile Thr Phe Asp
            20
```

<210>  15

<211>  31

<212>  PRT

<213>  Artificial Sequence


<220>

<223>  randomized peptide that bind to particular IAPs

<400>  15

```
Asp Ser Ala Pro Gly Glu Arg Tyr Phe Val Asp Phe Leu Gly Val Ser
1               5               10              15

Phe Ala Cys Val Trp Ser Val Gln Asn Asp Arg Pro Asp Ser Gly
            20              25              30
```

<210>  16

<211>  14

<212>  PRT

<213>  Artificial Sequence


<220>

<223>  randomized peptide that bind to particular IAPs

<400>  16

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Ile Pro Trp Ala Pro Pro Met Tyr Phe Ala Asp Ser Asn Val
1               5               10
```

<210>  17

<211>  20

<212>  PRT

<213>  Artificial Sequence

DK62021PC.ST25

<220>

<223> randomized peptide that bind to particular IAPs

<400> 17

Thr Pro Ser Cys Arg Ala Gly Val Leu Arg Cys Thr Gly Cys Phe Gly
1               5               10              15

Val Arg Ser Gly
            20

<210> 18

<211> 20

<212> PRT

<213> Artificial Sequence

<220>

<223> randomized peptide that bind to particular IAPs

<400> 18

Leu Trp Arg Cys Arg Thr Val Ser Ala Tyr Leu Ser Trp Leu Arg His
1               5               10              15

Tyr Ser Ser Ser
            20

<210> 19

<211> 20

<212> PRT

<213> Artificial Sequence

<220>

<223> randomized peptide that bind to particular IAPs

<400> 19

His Ser Arg Pro Ala Leu Cys Met Val Ser Leu Arg Trp Ala Arg Ser
1               5               10              15

Leu Trp Ile Val
            20

<210> 20

<211> 14

DK62021PC.ST25

<210>    PRT

<213>    Artificial Sequence


<220>

<223>    randomized peptide that bind to particular IAPs

<400>    20

Trp Thr His Val Trp Val Gly Trp Leu Val Ala Gly Met Ser
1               5               10


<210>    21

<211>    20

<212>    PRT

<213>    Artificial Sequence


<220>

<223>    randomized peptide that bind to particular IAPs

<400>    21

Arg Phe Arg Cys Arg Ala Asp Leu Cys Val Thr Leu Thr Val Leu Ser
1               5               10              15

Phe Leu Ala Gln
            20


<210>    22

<211>    20

<212>    PRT

<213>    Artificial Sequence


<220>

<223>    randomized peptide that bind to particular IAPs

<400>    22

Cys Leu Glu Thr Leu Arg Val Cys Pro Tyr Val Ala Arg Ile Ala Ile
1               5               10              15

Gln His Leu Arg
            20


<210>    23

<211>    20

DK62021PC.ST25

<212>    PRT

<213>    Artificial Sequence


<220>

<223>    randomized peptide that bind to particular IAPs

<400>    23

Leu Leu Ala Trp Arg Val Gln Gln Ser Arg Pro Leu Pro Tyr Leu His
1                   5                   10                  15


Ile Ala Phe Ile
            20


<210>    24

<211>    20

<212>    PRT

<213>    Artificial Sequence


<220>

<223>    randomized peptide that bind to particular IAPs

<400>    24

Pro Pro Pro Leu Thr Gly Arg Trp Ser Arg Gln Cys Val Ser Val Phe
1                   5                   10                  15


Gly Ile Val His
            20


<210>    25

<211>    20

<212>    PRT

<213>    Artificial Sequence


<220>

<223>    randomized peptide that bind to particular IAPs

<400>    25

Cys Trp Ile His Arg Ala Trp Met Leu Ser Trp His Gly Val Trp Ser
1                   5                   10                  15


Leu Thr Leu Val
            20

DK62021PC.ST25

```
<210>  26
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<212>  PRT
<213>  Artificial Sequence

<220>
<223>  randomized peptide that bind to particular IAPs
<400>  26
Ala Pro Pro Ile Ser Gly Arg Trp Arg Gly Leu Tyr Met Arg Ser Arg
1               5               10              15

Phe Val Ser Leu
            20


<210>  27
<211>  18
<212>  PRT
<213>  Artificial Sequence

<220>
<223>  randomized peptide that bind to particular IAPs
<400>  27
Val Arg Leu Phe Ile Val Cys Ile Ile Ile Cys Cys Leu Met Leu Leu
1               5               10              15

Val Gly


<210>  28
<211>  20
<212>  PRT
<213>  Artificial Sequence

<220>
<223>  randomized peptide that bind to particular IAPs
<400>  28
Ile Pro Ser Cys Ser Val Leu Val Cys Leu Cys His Leu Ala Arg Leu
1               5               10              15
```

DK62021PC.ST25

Trp His Cys Glu
                20


<210> 29

<211> 20

<212> PRT

<213> Artificial Sequence


<220>

<223>   randomized peptide that bind to particular IAPs

<400> 29

Cys Ser Val Met His Val Phe Arg Val Gly Pro Gly Ser Ser Gly Ser
1               5                   10                  15


Leu Ser Cys Gly
                20


<210> 30

<211> 42

<212> PRT

<213> Artificial Sequence


<220>

<223>   randomized peptide that bind to particular IAPs

<400> 30

Arg Ala Thr Tyr Trp Phe Arg Ser Arg Tyr Gln Val Val His Arg Ser
1               5                   10                  15


Arg Leu Pro Tyr Gly Pro Leu Ile Val Val Gly Ile Gly Ala Leu Asn
                20                  25                  30


Leu Glu Leu Asn Arg Thr Leu Leu Cys Ser
            35                  40


<210> 31

<211> 20

<212> PRT

<213> Artificial Sequence


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<223>  randomized peptide that bind to particular IAPs

<400>  31

Ser Leu Ala Ile Trp Ser Thr Gln Ser Cys Ala Arg Cys Gln Cys Thr
1               5               10              15

Leu Ser Arg Val
            20


<210>  32

<211>  20

<212>  PRT

<213>  Artificial Sequence


<220>

<223>  randomized peptide that bind to particular IAPs

<400>  32

Phe Trp Phe Leu Pro Ala Pro Pro Cys Lys Cys Gly Leu Leu Tyr Arg
1               5               10              15

Leu Ser Val His
            20


<210>  33

<211>  20

<212>  PRT

<213>  Artificial Sequence


<220>

<223>  randomized peptide that bind to particular IAPs

<400>  33

Leu Ala Gly Arg His Phe Ser Arg Val Val Asp Arg Ile Arg Tyr Arg
1               5               10              15

Leu Leu Trp Thr
            20


<210>  34

<211>  20

<212>  PRT

<213>  Artificial Sequence

DK62021PC.ST25

<220>

<223>  randomized peptide that bind to particular IAPs

<400>  34

Met Pro Ile Pro Pro Leu Cys Arg Ser Ala Gly Arg Leu Leu Tyr Leu
1               5                   10                  15

Tyr Thr His Tyr
                20


<210>  35

<211>  20

<212>  PRT

<213>  Artificial Sequence


<220>

<223>  randomized peptide that bind to particular IAPs

<400>  35

Tyr Thr Leu Pro Ser Val Leu Leu Cys Leu Met Arg Thr Gly Met Leu
1               5                   10                  15

Arg Cys Ala Cys
                20


<210>  36

<211>  20

<212>  PRT

<213>  Artificial Sequence


<220>

<223>  randomized peptide that bind to particular IAPs

<220>

<221>  MISC_FEATURE

<222>  (18)..(18)

<223>  undefined amino acid


<400>  36

Gly Met Pro Ile Arg Ala Ser Pro Cys Tyr Leu Gly Val Asp Gly Trp
1               5                   10                  15

DK62021PC.ST25

Cys Xaa Thr Leu
            20


<210> 37

<211> 20

<212> PRT

<213> Artificial Sequence


<220>

<223> randomized peptide that bind to particular IAPs

<400> 37

Lys Pro Trp Glu Tyr Leu Arg Met Phe Pro Trp Met Arg Val Ala Arg
1               5                   10                  15

Phe Phe Ile Trp
            20


<210> 38

<211> 20

<212> PRT

<213> Artificial Sequence


<220>

<223> randomized peptide that bind to particular IAPs

<400> 38

Ala Leu Leu Met Phe Gly Cys Pro Asn Trp Phe Ala Ser Trp Arg Leu
1               5                   10                  15

His Leu Phe Ile
            20


<210> 39

<211> 35

<212> PRT

<213> Artificial Sequence


<220>

<223> randomized peptide that bind to particular IAPs

<400> 39

Glu Phe Gly Ser Gly Leu Val Ser Gly Arg Gly Ile Ile Val Arg Arg
1               5                   10                  15

Met Leu Phe Leu Arg Val Leu Leu Trp Val Leu Arg Ser Ala Glu Ile
            20                  25                  30

Tyr Glu Ser
        35

<210>   40

<211>   32

<212>   PRT

<213>   Artificial Sequence

<220>

<223>   randomized peptide that bind to particular IAPs

<400>   40

Gly Pro Phe Glu Asn Trp Arg Val Glu Glu Leu Ala Arg Gly Arg Tyr
1               5                   10                  15

Arg Met His Gly Asp Val Val Leu Arg Ser Ala Glu Ile Tyr Glu Ser
            20                  25                  30

<210>   41

<211>   24

<212>   PRT

<213>   Artificial Sequence

<220>

<223>   randomized peptide that bind to particular IAPs

<400>   41

Gly Pro Ile Asp Cys Ile Ile Phe Leu Leu Trp Tyr Ser Arg Gln Gln
1               5                   10                  15

Arg Gly Gly Ser Arg Gly Gly Pro
            20

<210>   42

<211>   33

<212>   PRT

<213>    Artificial Sequence

<220>

<223>    randomized peptide that bind to particular IAPs

<400>    42

Gly Ser Arg Phe Arg Val Phe Val Cys Ser Leu Phe Ser Phe Leu Ser
1               5                   10                  15

Gly Arg Gly Gly Gly Val Val Val Leu Arg Ser Ala Glu Ile Tyr Glu
            20              25                  30

Ser

<210>    43

<211>    32

<212>    PRT

<213>    Artificial Sequence

<220>

<223>    randomized peptide that bind to particular IAPs

<400>    43

Gly Pro Phe Lys Arg Cys His Glu Arg Leu Val Ala Phe Ala Arg Cys
1               5                   10                  15

Trp Phe Met Trp Ser Met Val Leu Arg Ser Ala Glu Ile Tyr Glu Ser
            20              25                  30

<210>    44

<211>    32

<212>    PRT

<213>    Artificial Sequence

<220>

<223>    randomized peptide that bind to particular IAPs

<400>    44

Gly Pro Ser Asn Asp Asn Gln Leu Val Leu Arg Val Arg Ile Leu Arg
1               5                   10                  15

Val Leu Ile Val Met Arg Val Leu Arg Ser Ala Glu Ile Tyr Glu Ser
            20              25                  30

<210> 45

<211> 27

<212> PRT

<213> Artificial Sequence


<220>

<223> randomized peptide that bind to particular IAPs

<400> 45

Glu Phe Arg Val Arg Arg Met Arg Leu Leu Val Arg Leu Met Gly Ser
1               5                   10                  15

Asp Asp Ser Gly Thr Ile Pro Asp Phe Gly Pro
            20                  25


<210> 46

<211> 24

<212> PRT

<213> Artificial Sequence


<220>

<223> randomized peptide that bind to particular IAPs

<400> 46

Gly Pro Ser Leu Gln Phe Leu Glu Val Val Val Ser Cys Tyr Met Val
1               5                   10                  15

Leu Tyr Asp Leu Ser Lys Gly Pro
            20


<210> 47

<211> 34

<212> PRT

<213> Artificial Sequence


<220>

<223> randomized peptide that bind to particular IAPs

<400> 47

Gly Pro Gln Pro Phe Cys Ser Pro Pro Ser Phe Tyr Thr Arg Leu Leu
1               5                   10                  15

```
Ile Ile Val Arg Leu Leu Ser Leu Asp Leu Gln Arg Ser Ser Asn Arg
            20              25              30

Arg Tyr
```

<210> 48

<211> 23

<212> PRT

<213> Artificial Sequence


<220>

<223> randomized peptide that bind to particular IAPs

<400> 48

```
Gly Pro Ala Pro Leu Ser Leu Cys Val Cys Lys Cys Gly Cys Gly His
1               5               10              15

Thr Arg Pro Phe Val Gly Pro
            20
```

<210> 49

<211> 21

<212> PRT

<213> Artificial Sequence


<220>

<223> randomized peptide that bind to particular IAPs

<400> 49

```
Gly Pro Asp Val His Ile Trp Gln Ser Ile Ile Phe Tyr Ala Met Arg
1               5               10              15

His Met Met Gly Pro
            20
```

<210> 50

<211> 35

<212> PRT

<213> Artificial Sequence

<220>

<223> randomized peptide that bind to particular IAPs

<400> 50

Glu Phe Gly Ser Gly Cys Gly Cys Phe Val Arg Gly Arg Ile Val Arg
1               5                   10                  15

Ile Arg Cys Val Ile Leu Leu Leu Arg Val Leu Arg Ser Ala Glu Ile
                20                  25                  30

Tyr Glu Ser
        35

<210> 51

<211> 32

<212> PRT

<213> Artificial Sequence

<220>

<223> randomized peptide that bind to particular IAPs

<400> 51

Gly Pro His Ser Ser Ala His Asp Arg Ile Trp Leu Arg Val Arg Gly
1               5                   10                  15

Leu Arg Ile Ile Leu Leu Val Leu Arg Ser Ala Glu Ile Tyr Glu Ser
                20                  25                  30

<210> 52

<211> 35

<212> PRT

<213> Artificial Sequence

<220>

<223> randomized peptide that bind to particular IAPs

<400> 52

Glu Phe Gly Ser Gly Leu Cys Val Arg Arg Trp Trp Gly Met Ser Val
1               5                   10                  15

Gly Ser Arg Ile Met Leu Val Met Leu Val Leu Arg Ser Ala Glu Ile
                20                  25                  30

Tyr Glu Ser
        35

<210> 53

<211> 35

<212> PRT

<213> Artificial Sequence


<220>

<223> randomized peptide that bind to particular IAPs

<400> 53

Gly Pro Val Tyr Ser Glu Ala Phe Val Cys Leu Val Cys Ala Gly Val
1               5                   10                  15

Cys Val Glu Glu Cys Gly Gly Ser Leu Asp Leu Gln Arg Ser Ser Asn
            20                  25                  30

Arg Arg Tyr
        35

<210> 54

<211> 24

<212> PRT

<213> Artificial Sequence


<220>

<223> randomized peptide that bind to particular IAPs

<400> 54

Gly Pro Ile Glu Thr Val Gly Phe Ile Val Arg Leu His Thr Leu Leu
1               5                   10                  15

Met Val Leu Arg Arg Thr Gly Pro
            20

<210> 55

<211> 24

<212> PRT

<213> Artificial Sequence


<220>

<223> randomized peptide that bind to particular IAPs

<400> 55

Gly Pro Leu His Arg Thr Leu Leu Val Asp Met Cys Cys Trp Leu Met
1               5               10              15

Ser Leu Glu Ser Asn Met Gly Pro
            20

<210> 56

<211> 35

<212> PRT

<213> Artificial Sequence


<220>

<223> randomized peptide that bind to particular IAPs

<400> 56

Glu Phe Gly Val Arg Val Val Cys Val Val Arg Ser Leu Phe Val Leu
1               5               10              15

Arg Cys Gly Leu Leu Arg Cys Arg Gly Val Leu Arg Ser Ala Glu Ile
            20              25              30

Tyr Glu Ser
        35

<210> 57

<211> 34

<212> PRT

<213> Artificial Sequence


<220>

<223> randomized peptide that bind to particular IAPs

<400> 57

Glu Phe Val Arg Glu Cys Ser Leu Cys Arg Val Met Val Leu Met Phe
1               5               10              15

Val Leu Arg Gly Ile Arg Leu Arg Val Leu Arg Ser Ala Glu Ile Tyr
            20              25              30

Glu Ser


<210> 58

<211>    35

<212>    PRT

<213>    Artificial Sequence


<220>

<223>    randomized peptide that bind to particular IAPs

<400>    58

Glu Phe Gly Val Arg Leu Leu Val Leu Leu Arg Leu Arg Cys Val Arg
1               5               10              15

Arg Gly Gly Gly Cys Phe Val Cys Trp Val Leu Arg Ser Ala Glu Ile
            20              25              30

Tyr Glu Ser
        35


<210>    59

<211>    33

<212>    PRT

<213>    Artificial Sequence


<220>

<223>    randomized peptide that bind to particular IAPs

<400>    59

Gly Ser Gly Phe Arg Met Arg Val Leu Val Met Val Cys Arg Leu Arg
1               5               10              15

Val Val Phe Leu Val Arg Arg Val Leu Arg Ser Ala Glu Ile Tyr Glu
            20              25              30

Ser


<210>    60

<211>    32

<212>    PRT

<213>    Artificial Sequence


<220>

<223>    randomized peptide that bind to particular IAPs

```
<400>   60

Gly Arg Leu Gly Trp Leu Arg Leu Leu Cys Val Arg Ile Val Leu Val
1               5               10                  15

Cys Leu Arg Arg Gly Leu Val Leu Arg Ser Ala Glu Ile Tyr Glu Ser
            20              25                  30


<210>   61

<211>   37

<212>   PRT

<213>   Artificial Sequence


<220>

<223>   randomized peptide that bind to particular IAPs

<400>   61

Glu Phe Gly Ser Gly Trp Tyr Val Asp Leu Gly Asp Tyr Ser Val Trp
1               5               10                  15

Val Asp Tyr Val Tyr Cys Gly Ser Gly Ser Leu Asp Leu Gln Arg Ser
            20              25                  30


Ser Asn Arg Arg Tyr
            35


<210>   62

<211>   24

<212>   PRT.

<213>   Artificial Sequence


<220>

<223>   randomized peptide that bind to particular IAPs

<400>   62

Gly Pro Ser Gln Cys Ala Gln Arg Val Ala Leu Ile Gln Met Tyr Ile
1               5               10                  15

Asp Ala Leu Val Cys Ile Gly Pro
                20


<210>   63

<211>   35

<212>   PRT
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<213>   Artificial Sequence

<220>

<223>   randomized peptide that bind to particular IAPs

<220>

<221>   MISC_FEATURE

<222>   (19)..(19)

<223>   undefined amino acid

<400>   63

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Glu Phe Gly Ser Gly Cys Val Arg Ile Arg Val Gly Ile Val Arg Arg
1               5               10              15
```

```
Met Leu Xaa Leu Arg Phe Val Phe Leu Val Leu Arg Ser Ala Glu Ile
            20              25              30
```

```
Tyr Glu Ser
        35
```

<210>   64

<211>   32

<212>   PRT

<213>   Artificial Sequence

<220>

<223>   randomized peptide that bind to particular IAPs

<400>   64

```
Gly Pro Leu Leu Asp Pro Met Leu Arg Gln Arg Phe Ser Leu Arg Val
1               5               10              15
```

```
Trp Ile Met Leu Leu Gly Val Leu Arg Ser Ala Glu Ile Tyr Glu Ser
            20              25              30
```

<210>   65

<211>   24

<212>   PRT

<213>   Artificial Sequence

<220>

<223>   randomized peptide that bind to particular IAPs

<400>   65

Gly Pro Asn Ser Trp Val Trp Arg Tyr Val Thr Ile Ala His Trp Leu
1               5               10              15

Ala Asn Tyr Arg Met Ser Gly Pro
            20

<210>   66

<211>   32

<212>   PRT

<213>   Artificial Sequence


<220>

<223>   randomized peptide that bind to particular IAPs

<400>   66

Gly Pro Ala Met Lys Ser Cys Thr Ile Arg Val Phe Arg Val Cys Ile
1               5               10              15

Val Leu Arg Ile Val Arg Val Leu Arg Ser Ala Glu Ile Tyr Glu Ser
            20              25              30

<210>   67

<211>   35

<212>   PRT

<213>   Artificial Sequence


<220>

<223>   randomized peptide that bind to particular IAPs

<400>   67

Glu Phe Gly Val Arg Met Arg Leu Met Ile Arg Ile Phe Arg Gly Leu
1               5               10              15

Phe Val Leu Arg Gly Phe Arg Gly Leu Val Leu Arg Ser Ala Glu Ile
            20              25              30

Tyr Glu Ser
        35

<210>   68

<211>   24

<212> PRT

<213> Artificial Sequence


<220>

<223> randomized peptide that bind to particular IAPs

<400> 68

Gly Pro Val Pro Ser Ser Pro Cys Ser Phe Leu Leu Tyr Cys Arg Asp
1               5               10              15

Val Leu Cys His Trp Pro Gly Pro
            20


<210> 69

<211> 26

<212> PRT

<213> Artificial Sequence


<220>

<223> randomized peptide that bind to particular IAPs

<400> 69

Gly Pro Cys Glu Pro Phe Ile Gly Asp Cys Trp Pro Cys Leu Ile Arg
1               5               10              15

Thr Leu Val Thr Leu Arg Gly Leu Asp Leu
            20                  25


<210> 70

<211> 32

<212> PRT

<213> Artificial Sequence


<220>

<223> randomized peptide that bind to particular IAPs

<400> 70

Gly Pro Trp Trp Lys Asp Arg Gly Val Leu Val Arg Leu Cys Val Leu
1               5               10              15

Arg Leu Val Val Gly Val Val Leu Arg Ser Ala Glu Ile Tyr Glu Ser
            20                  25                  30

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<210>  71
<211>  32
<212>  PRT
<213>  Artificial Sequence

<220>
<223>  randomized peptide that bind to particular IAPs
<220>
<221>  MISC_FEATURE
<222>  (18)..(18)
<223>  undefined amino acid

<400>  71
Gly Pro Arg Leu Leu Val Arg Met Arg Gly Trp Cys Arg Val Ser Leu
1               5                   10                  15

Ile Xaa Phe Trp Leu Arg Val Leu Arg Ser Ala Glu Ile Tyr Glu Ser
                20                  25                  30

<210>  72
<211>  35
<212>  PRT
<213>  Artificial Sequence

<220>
<223>  randomized peptide that bind to particular IAPs
<400>  72
Glu Phe Arg Val Arg Ile Ile Val Val Ser Leu Arg Ile Trp Arg Leu
1               5                   10                  15

Leu Val Arg Arg Arg Cys Leu Cys Leu Val Leu Arg Ser Ala Glu Ile
                20                  25                  30

Tyr Glu Ser
            35

<210>  73
<211>  32
<212>  PRT
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<213>   Artificial Sequence


<220>

<223>   randomized peptide that bind to particular IAPs

<400>   73

```
Gly Pro Val Glu Cys Ala Asp Val Leu Phe Ala Ser Arg Ile Arg Leu
1               5               10              15
```

```
Leu Cys Leu Cys Phe Arg Val Leu Arg Ser Ala Glu Ile Tyr Glu Ser
            20              25              30
```


<210>   74

<211>   34

<212>   PRT

<213>   Artificial Sequence


<220>

<223>   randomized peptide that bind to particular IAPs

<400>   74

```
Glu Phe Gly Arg Arg Leu Leu Val Phe Arg Leu Ser Val Phe Val Val
1               5               10              15
```

```
Val Leu Gly Arg Arg Leu Ser Arg Val Leu Arg Ser Ala Glu Ile Tyr
            20              25              30
```

```
Glu Ser
```


<210>   75

<211>   33

<212>   PRT

<213>   Artificial Sequence


<220>

<223>   randomized peptide that bind to particular IAPs

<400>   75

```
Gly Ala Gly Leu Gly Arg Val Ile Arg Leu Arg Ile Val Val Leu Arg
1               5               10              15
```

```
Cys Ile Phe Leu Leu Phe Arg Val Leu Arg Ser Ala Glu Ile Tyr Glu
            20              25              30
```

Ser


<210>   76

<211>   28

<212>   PRT

<213>   Artificial Sequence


<220>

<223>   randomized peptide that bind to particular IAPs

<400>   76

Gly Pro Phe Pro Phe Asp Tyr Pro Arg Trp Ile Met Ile Val Leu Leu
1               5                   10                  15


Arg Gly Val Leu Arg Ser Ala Glu Ile Tyr Glu Ser
            20                  25


<210>   77

<211>   33

<212>   PRT

<213>   Artificial Sequence


<220>

<223>   randomized peptide that bind to particular IAPs

<400>   77

Gly Ser Arg Gly Leu Arg Leu Cys Leu Leu Gly Arg Cys Arg Leu Cys
1               5                   10                  15


Gly Cys Leu Ile Ile Met Arg Val Leu Arg Ser Ala Glu Ile Tyr Glu
            20                  25                  30


Ser


<210>   78

<211>   24

<212>   PRT

<213>   Artificial Sequence

<220>

<223>  randomized peptide that bind to particular IAPs

<400>  78

Gly Pro Glu Ser Tyr Val Leu Trp Pro Ala Arg Gly Glu Ala Leu Tyr
1               5                   10                  15


Tyr Leu Arg Ala Trp Leu Gly Pro
            20


<210>  79

<211>  33

<212>  PRT

<213>  Artificial Sequence


<220>

<223>  randomized peptide that bind to particular IAPs

<400>  79

Gly Ser Arg Cys Ile Arg Arg Arg Ile Ser Ile Leu Phe Phe Val Phe
1               5                   10                  15


Arg Val Leu Arg Ser Arg Arg Val Leu Arg Ser Ala Glu Ile Tyr Glu
            20                  25                  30


Ser


<210>  80

<211>  32

<212>  PRT

<213>  Artificial Sequence


<220>

<223>  randomized peptide that bind to particular IAPs

<400>  80

Gly Pro Phe Ser Glu His Ala Arg Gly His Val Val Thr Ile Cys Arg
1               5                   10                  15


Leu Arg Leu Leu Phe Trp Leu Leu Arg Ser Ala Glu Ile Tyr Glu Ser
            20                  25                  30


<210>  81

<211> 32

<212> PRT

<213> Artificial Sequence


<220>

<223> randomized peptide that bind to particular IAPs

<400> 81

Gly Pro Ser Ser Leu Leu Arg Arg Cys Leu Ile Leu Gly Met Val Leu
1               5                   10                  15


Gly Val Leu Arg Arg Arg Val Leu Arg Ser Ala Glu Ile Tyr Glu Ser
            20                  25                  30


<210> 82

<211> 24

<212> PRT

<213> Artificial Sequence


<220>

<223> randomized peptide that bind to particular IAPs

<400> 82

Gly Pro His Pro Val Leu Ala Val Gln Leu Ile Asn Ala Tyr Leu Gly
1               5                   10                  15


Leu Glu Arg Val Gly Arg Gly Pro
            20


<210> 83

<211> 24

<212> PRT

<213> Artificial Sequence


<220>

<223> randomized peptide that bind to particular IAPs

<400> 83

Gly Pro Leu Pro Ser Gly Ala Val Ser Thr Glu Ala Tyr Phe Trp Glu
1               5                   10                  15


Val Phe Lys Leu Leu Met Gly Pro
            20

<210> 84

<211> 32

<212> PRT

<213> Artificial Sequence


<220>

<223> randomized peptide that bind to particular IAPs

<400> 84

Gly Pro Tyr Pro Tyr Leu Arg Ile Leu Leu Val Gln Lys Ile Ala Cys
1               5                   10                  15


Val Arg Arg Ala Leu Trp Val Leu Arg Ser Ala Glu Ile Tyr Glu Ser
                20              25                  30


<210> 85

<211> 35

<212> PRT

<213> Artificial Sequence


<220>

<223> randomized peptide that bind to particular IAPs

<400> 85

Gly Pro Val Gly Val Glu Gly Val Asp Ser Val Phe Gly Trp Cys Val
1               5                   10                  15


Val Cys Phe Leu Leu Val Trp Ser Leu Asp Leu Gln Arg Ser Ser Asn
                20              25                  30


Arg Arg Tyr
            35


<210> 86

<211> 35

<212> PRT

<213> Artificial Sequence


<220>

<223> randomized peptide that bind to particular IAPs

<400> 86

Glu Phe Arg Val Arg Val Leu Gly Cys Met Gly Val Phe Leu Arg Leu
1               5                   10                  15

Arg Phe Cys Gly Gly Leu Arg Leu Arg Val Leu Arg Ser Ala Glu Ile
            20              25                  30

Tyr Glu Ser
        35

<210> 87

<211> 33

<212> PRT

<213> Artificial Sequence

<220>

<223> randomized peptide that bind to particular IAPs

<400> 87

Gly Ser Gly Leu Val Ser Gly Arg Gly Ile Ile Val Arg Arg Met Leu
1               5                   10                  15

Phe Leu Arg Val Leu Leu Trp Val Leu Arg Ser Ala Glu Ile Tyr Glu
            20              25                  30

Ser

<210> 88

<211> 32

<212> PRT

<213> Artificial Sequence

<220>

<223> randomized peptide that bind to particular IAPs

<400> 88

Gly Pro Phe Glu Asn Trp Arg Val Glu Glu Leu Ala Arg Gly Arg Tyr
1               5                   10                  15

Arg Met His Gly Asp Val Val Leu Arg Ser Ala Glu Ile Tyr Glu Ser
            20              25                  30

<210> 89

<211> 24

<212> PRT

<213> Artificial Sequence

<220>

<223> randomized peptide that bind to particular IAPs

<400> 89

Gly Pro Ile Asp Cys Ile Ile Phe Leu Leu Trp Tyr Ser Arg Gln Gln
1               5                  10                15

Arg Gly Gly Ser Arg Gly Gly Pro
           20

<210> 90

<211> 33

<212> PRT

<213> Artificial Sequence

<220>

<223> randomized peptide that bind to particular IAPs

<400> 90

Gly Ser Arg Phe Arg Val Phe Val Cys Ser Leu Phe Ser Phe Leu Ser
1               5                  10                15

Gly Arg Gly Gly Gly Val Val Val Leu Arg Ser Ala Glu Ile Tyr Glu
           20                  25                30

Ser

<210> 91

<211> 32

<212> PRT

<213> Artificial Sequence

<220>

<223> randomized peptide that bind to particular IAPs

<400> 91

Gly Pro Phe Lys Arg Cys His Glu Arg Leu Val Ala Phe Ala Arg Cys
1               5                  10                15

Trp Phe Met Trp Ser Met Val Leu Arg Ser Ala Glu Ile Tyr Glu Ser
             20              25              30

<210>   92

<211>   32

<212>   PRT

<213>   Artificial Sequence


<220>

<223>   randomized peptide that bind to particular IAPs

<400>   92

Gly Pro Ser Asn Asp Asn Gln Leu Val Leu Arg Val Arg Ile Leu Arg
1             5              10              15

Val Leu Ile Val Met Arg Val Leu Arg Ser Ala Glu Ile Tyr Glu Ser
             20              25              30

<210>   93

<211>   25

<212>   PRT

<213>   Artificial Sequence


<220>

<223>   randomized peptide that bind to particular IAPs

<400>   93

Arg Val Arg Arg Met Arg Leu Leu Val Arg Leu Met Gly Ser Asp Asp
1             5              10              15

Ser Gly Thr Ile Pro Asp Phe Gly Pro
             20              25

<210>   94

<211>   24

<212>   PRT

<213>   Artificial Sequence


<220>

<223>   randomized peptide that bind to particular IAPs

<400> 94

Gly Pro Ser Leu Gln Phe Leu Glu Val Val Val Ser Cys Tyr Met Val
1               5               10              15

Leu Tyr Asp Leu Ser Lys Gly Pro
            20

<210>    95

<211>    34

<212>    PRT

<213>    Artificial Sequence


<220>

<223>    randomized peptide that bind to particular IAPs

<400>    95

Gly Pro Gln Pro Phe Cys Ser Pro Pro Ser Phe Tyr Thr Arg Leu Leu
1               5               10              15

Ile Ile Val Arg Leu Leu Ser Leu Asp Leu Gln Arg Ser Ser Asn Arg
            20              25              30

Arg Tyr


<210>    96

<211>    23

<212>    PRT

<213>    Artificial Sequence


<220>

<223>    randomized peptide that bind to particular IAPs

<400>    96

Gly Pro Ala Pro Leu Ser Leu Cys Val Cys Lys Cys Gly Cys Gly His
1               5               10              15

Thr Arg Pro Phe Val Gly Pro
            20

<210>    97

<211>    21

<212>    PRT

<213> Artificial Sequence


<220>

<223>  randomized peptide that bind to particular IAPs

<400>  97

Gly Pro Asp Val His Ile Trp Gln Ser Ile Ile Phe Tyr Ala Met Arg
1                   5                   10                  15

His Met Met Gly Pro
                20


<210>  98

<211>  33

<212>  PRT

<213>  Artificial Sequence


<220>

<223>  randomized peptide that bind to particular IAPs

<400>  98

Gly Ser Gly Cys Gly Cys Phe Val Arg Gly Arg Ile Val Arg Ile Arg
1                   5                   10                  15

Cys Val Ile Leu Leu Leu Arg Val Leu Arg Ser Ala Glu Ile Tyr Glu
                20                  25                  30

Ser


<210>  99

<211>  32

<212>  PRT

<213>  Artificial Sequence


<220>

<223>  randomized peptide that bind to particular IAPs

<400>  99

Gly Pro His Ser Ser Ala His Asp Arg Ile Trp Leu Arg Val Arg Gly
1                   5                   10                  15

Leu Arg Ile Ile Leu Leu Val Leu Arg Ser Ala Glu Ile Tyr Glu Ser
                20                  25                  30

<210> 100

<211> 33

<212> PRT

<213> Artificial Sequence


<220>

<223> randomized peptide that bind to particular IAPs

<400> 100

Gly Ser Gly Leu Cys Val Arg Arg Trp Trp Gly Met Ser Val Gly Ser
1               5                   10                  15


Arg Ile Met Leu Val Met Leu Val Leu Arg Ser Ala Glu Ile Tyr Glu
            20              25                  30


Ser


<210> 101

<211> 35

<212> PRT

<213> Artificial Sequence


<220>

<223> randomized peptide that bind to particular IAPs

<400> 101

Gly Pro Val Tyr Ser Glu Ala Phe Val Cys Leu Val Cys Ala Gly Val
1               5                   10                  15


Cys Val Glu Glu Cys Gly Gly Ser Leu Asp Leu Gln Arg Ser Ser Asn
            20              25                  30


Arg Arg Tyr
        35

<210> 102

<211> 24

<212> PRT

<213> Artificial Sequence

<220>

<223>   randomized peptide that bind to particular IAPs

<400>   102

Gly Pro Ile Glu Thr Val Gly Phe Ile Val Arg Leu His Thr Leu Leu
1               5               10              15

Met Val Leu Arg Arg Thr Gly Pro
            20


<210>   103

<211>   24

<212>   PRT

<213>   Artificial Sequence


<220>

<223>   randomized peptide that bind to particular IAPs

<400>   103

Gly Pro Leu His Arg Thr Leu Leu Val Asp Met Cys Cys Trp Leu Met
1               5               10              15

Ser Leu Glu Ser Asn Met Gly Pro
            20


<210>   104

<211>   33

<212>   PRT

<213>   Artificial Sequence


<220>

<223>   randomized peptide that bind to particular IAPs

<400>   104

Gly Val Arg Val Val Cys Val Val Arg Ser Leu Phe Val Leu Arg Cys
1               5               10              15

Gly Leu Leu Arg Cys Arg Gly Val Leu Arg Ser Ala Glu Ile Tyr Glu
            20              25              30

Ser


<210>   105

<211> 32

<212> PRT

<213> Artificial Sequence


<220>

<223> randomized peptide that bind to particular IAPs

<400> 105

Val Arg Glu Cys Ser Leu Cys Arg Val Met Val Leu Met Phe Val Leu
1               5                   10                  15


Arg Gly Ile Arg Leu Arg Val Leu Arg Ser Ala Glu Ile Tyr Glu Ser
            20                  25                  30


<210> 106

<211> 33

<212> PRT

<213> Artificial Sequence


<220>

<223> randomized peptide that bind to particular IAPs

<400> 106

Gly Val Arg Leu Leu Val Leu Leu Arg Leu Arg Cys Val Arg Arg Gly
1               5                   10                  15


Gly Gly Cys Phe Val Cys Trp Val Leu Arg Ser Ala Glu Ile Tyr Glu
            20                  25                  30


Ser


<210> 107

<211> 33

<212> PRT

<213> Artificial Sequence


<220>

<223> randomized peptide that bind to particular IAPs

<400> 107

Gly Ser Gly Phe Arg Met Arg Val Leu Val Met Val Cys Arg Leu Arg
1               5                   10                  15

Val Val Phe Leu Val Arg Arg Val Leu Arg Ser Ala Glu Ile Tyr Glu
              20              25              30

Ser


<210>  108

<211>  32

<212>  PRT

<213>  Artificial Sequence


<220>

<223>  randomized peptide that bind to particular IAPs

<400>  108

Gly Arg Leu Gly Trp Leu Arg Leu Leu Cys Val Arg Ile Val Leu Val
1               5               10              15

Cys Leu Arg Arg Gly Leu Val Leu Arg Ser Ala Glu Ile Tyr Glu Ser
              20              25              30


<210>  109

<211>  35

<212>  PRT

<213>  Artificial Sequence


<220>

<223>  randomized peptide that bind to particular IAPs

<400>  109

Gly Ser Gly Trp Tyr Val Asp Leu Gly Asp Tyr Ser Val Trp Val Asp
1               5               10              15

Tyr Val Tyr Cys Gly Ser Gly Ser Leu Asp Leu Gln Arg Ser Ser Asn
              20              25              30

Arg Arg Tyr
          35


<210>  110

<211>  24

<212>  PRT

<213>    Artificial Sequence


<220>

<223>    randomized peptide that bind to particular IAPs

<400>    110

Gly Pro Ser Gln Cys Ala Gln Arg Val Ala Leu Ile Gln Met Tyr Ile
1               5               10              15

Asp Ala Leu Val Cys Ile Gly Pro
            20


<210>    111

<211>    25

<212>    PRT

<213>    Artificial Sequence


<220>

<223>    randomized peptide that bind to particular IAPs

<400>    111

Gly Ser Gly Cys Val Arg Ile Arg Val Gly Ile Val Arg Arg Met Leu
1               5               10              15

Phe Leu Arg Phe Val Phe Leu Val Pro
            20                  25


<210>    112

<211>    32

<212>    PRT

<213>    Artificial Sequence


<220>

<223>    randomized peptide that bind to particular IAPs

<400>    112

Gly Pro Leu Leu Asp Pro Met Leu Arg Gln Arg Phe Ser Leu Arg Val
1               5               10              15

Trp Ile Met Leu Leu Gly Val Leu Arg Ser Ala Glu Ile Tyr Glu Ser
            20                  25                  30


<210>    113

<211>   24

<212>   PRT

<213>   Artificial Sequence


<220>

<223>   randomized peptide that bind to particular IAPs

<400>   113

Gly Pro Asn Ser Trp Val Trp Arg Tyr Val Thr Ile Ala His Trp Leu
1               5                   10                  15


Ala Asn Tyr Arg Met Ser Gly Pro
            20


<210>   114

<211>   32

<212>   PRT

<213>   Artificial Sequence


<220>

<223>   randomized peptide that bind to particular IAPs

<400>   114

Gly Pro Ala Met Lys Ser Cys Thr Ile Arg Val Phe Arg Val Cys Ile
1               5                   10                  15


Val Leu Arg Ile Val Arg Val Leu Arg Ser Ala Glu Ile Tyr Glu Ser
            20                  25                  30


<210>   115

<211>   33

<212>   PRT

<213>   Artificial Sequence


<220>

<223>   randomized peptide that bind to particular IAPs

<400>   115

Gly Val Arg Met Arg Leu Met Ile Arg Ile Phe Arg Gly Leu Phe Val
1               5                   10                  15


Leu Arg Gly Phe Arg Gly Leu Val Leu Arg Ser Ala Glu Ile Tyr Glu
            20                  25                  30

Ser

<210>    116

<211>    24

<212>    PRT

<213>    Artificial Sequence


<220>

<223>    randomized peptide that bind to particular IAPs

<400>    116

Gly Pro Val Pro Ser Ser Pro Cys Ser Phe Leu Leu Tyr Cys Arg Asp
1               5                   10                  15

Val Leu Cys His Trp Pro Gly Pro
            20    .


<210>    117

<211>    34

<212>    PRT

<213>    Artificial Sequence


<220>

<223>    randomized peptide that bind to particular IAPs

<400>    117

Gly Pro Cys Glu Pro Phe Ile Gly Asp Cys Trp Pro Cys Leu Ile Arg
1               5                   10                  15

Thr Leu Val Thr Leu Arg Gly Leu Asp Leu Gln Arg Ser Ser Asn Arg
            20              25              30

Arg Tyr


<210>    118

<211>    32

<212>    PRT

<213>    Artificial Sequence

<220>

<223>  randomized peptide that bind to particular IAPs

<400>  118

Gly Pro Trp Trp Lys Asp Arg Gly Val Leu Val Arg Leu Cys Val Leu
1               5                   10                  15

Arg Leu Val Val Gly Val Val Leu Arg Ser Ala Glu Ile Tyr Glu Ser
            20                  25                  30

<210>  119

<211>  32

<212>  PRT

<213>  Artificial Sequence


<220>

<223>  randomized peptide that bind to particular IAPs

<220>

<221>  MISC_FEATURE

<222>  (18)..(18)

<223>  undefined amino acid


<400>  119

Gly Pro Arg Leu Leu Val Arg Met Arg Gly Trp Cys Arg Val Ser Leu
1               5                   10                  15

Ile Xaa Phe Trp Leu Arg Val Leu Arg Ser Ala Glu Ile Tyr Glu Ser
            20                  25                  30

<210>  120

<211>  33

<212>  PRT

<213>  Artificial Sequence


<220>

<223>  randomized peptide that bind to particular IAPs

<400>  120

Arg Val Arg Ile Ile Val Val Ser Leu Arg Ile Trp Arg Leu Leu Val
1               5                   10                  15

Arg Arg Arg Cys Leu Cys Leu Val Leu Arg Ser Ala Glu Ile Tyr Glu
            20              25              30

Ser


<210>  121

<211>  32

<212>  PRT

<213>  Artificial Sequence


<220>

<223>  randomized peptide that bind to particular IAPs

<400>  121

Gly Pro Val Glu Cys Ala Asp Val Leu Phe Ala Ser Arg Ile Arg Leu
1               5               10              15

Leu Cys Leu Cys Phe Arg Val Leu Arg Ser Ala Glu Ile Tyr Glu Ser
            20              25              30

<210>  122

<211>  32

<212>  PRT

<213>  Artificial Sequence


<220>

<223>  randomized peptide that bind to particular IAPs

<400>  122

Gly Arg Arg Leu Leu Val Phe Arg Leu Ser Val Phe Val Val Val Leu
1               5               10              15

Gly Arg Arg Leu Ser Arg Val Leu Arg Ser Ala Glu Ile Tyr Glu Ser
            20              25              30

<210>  123

<211>  33

<212>  PRT

<213>  Artificial Sequence


<220>

<223>    randomized peptide that bind to particular IAPs

<400>    123

```
Gly Ala Gly Leu Gly Arg Val Ile Arg Leu Arg Ile Val Val Leu Arg
1               5                   10                  15
```

```
Cys Ile Phe Leu Leu Phe Arg Val Leu Arg Ser Ala Glu Ile Tyr Glu
                20              25                  30
```

Ser


<210>    124

<211>    28

<212>    PRT

<213>    Artificial Sequence


<220>

<223>    randomized peptide that bind to particular IAPs

<400>    124

```
Gly Pro Phe Pro Phe Asp Tyr Pro Arg Trp Ile Met Ile Val Leu Leu
1               5                   10                  15
```

```
Arg Gly Val Leu Arg Ser Ala Glu Ile Tyr Glu Ser
                20              25
```

<210>    125

<211>    33

<212>    PRT

<213>    Artificial Sequence


<220>

<223>    randomized peptide that bind to particular IAPs

<400>    125

```
Gly Ser Arg Gly Leu Arg Leu Cys Leu Leu Gly Arg Cys Arg Leu Cys
1               5                   10                  15
```

```
Gly Cys Leu Ile Ile Met Arg Val Leu Arg Ser Ala Glu Ile Tyr Glu
                20              25                  30
```

Ser

<210> 126

<211> 24

<212> PRT

<213> Artificial Sequence


<220>

<223> randomized peptide that bind to particular IAPs

<400> 126

Gly Pro Glu Ser Tyr Val Leu Trp Pro Ala Arg Gly Glu Ala Leu Tyr
1               5                   10                  15

Tyr Leu Arg Ala Trp Leu Gly Pro
                20


<210> 127

<211> 33

<212> PRT

<213> Artificial Sequence


<220>

<223> randomized peptide that bind to particular IAPs

<400> 127

Gly Ser Arg Cys Ile Arg Arg Arg Ile Ser Ile Leu Phe Phe Val Phe
1               5                   10                  15

Arg Val Leu Arg Ser Arg Arg Val Leu Arg Ser Ala Glu Ile Tyr Glu
                20                  25                  30

Ser


<210> 128

<211> 32

<212> PRT

<213> Artificial Sequence


<220>

<223> randomized peptide that bind to particular IAPs

<400> 128

```
Gly Pro Phe Ser Glu His Ala Arg Gly His Val Val Thr Ile Cys Arg
1               5               10              15

Leu Arg Leu Leu Phe Trp Leu Leu Arg Ser Ala Glu Ile Tyr Glu Ser
            20              25              30
```

<210> 129

<211> 32

<212> PRT

<213> Artificial Sequence


<220>

<223> randomized peptide that bind to particular IAPs

<400> 129

```
Gly Pro Ser Ser Leu Leu Arg Arg Cys Leu Ile Leu Gly Met Val Leu
1               5               10              15

Gly Val Leu Arg Arg Arg Val Leu Arg Ser Ala Glu Ile Tyr Glu Ser
            20              25              30
```

<210> 130

<211> 24

<212> PRT

<213> Artificial Sequence


<220>

<223> randomized peptide that bind to particular IAPs

<400> 130

```
Gly Pro His Pro Val Leu Ala Val Gln Leu Ile Asn Ala Tyr Leu Gly
1               5               10              15

Leu Glu Arg Val Gly Arg Gly Pro
            20
```

<210> 131

<211> 24

<212> PRT

<213> Artificial Sequence


<220>

<223>    randomized peptide that bind to particular IAPs

<400>    131

Gly Pro Leu Pro Ser Gly Ala Val Ser Thr Glu Ala Tyr Phe Trp Glu
1               5                   10                  15


Val Phe Lys Leu Leu Met Gly Pro
            20


<210>    132

<211>    32

<212>    PRT

<213>    Artificial Sequence

.

<220>

<223>    randomized peptide that bind to particular IAPs

<400>    132

Gly Pro Tyr Pro Tyr Leu Arg Ile Leu Leu Val Gln Lys Ile Ala Cys
1               5                   10                  15


Val Arg Arg Ala Leu Trp Val Leu Arg Ser Ala Glu Ile Tyr Glu Ser
            20                  25                  30